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Office Memorandum • UNITED STATES GOVERNMENT

TO : Chief, OC-E

DATE: 12 June 1956

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FROM : Chief, OC-O&T

SUBJECT: [] Requirement for Automatic Keyer

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REF : A) [] 56-523
B) D.O. 56-592

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1. References have been discussed with [] External Projects Section, OC-E. These discussions formed the basis of our reply advising Chief, [] that an R&D Lab evaluation of the PAMM Keyer was anticipated in the near future, and if found acceptable arrangements would be concluded for procurement and release for operational issue, Ref B.

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2. The requirement for PAMM Keyers to be used with the RS-6 Transmitter in the [] area is not limited to the [] operation. There are in existence many other active agent circuits requiring periodic W/T transmissions and contacts with the [] Base Station.

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3. Most of these agents are equipped with an RS-6 Xmtr, many of them have never had sufficiently lengthy training to fully qualify them as classic W/T Operators, and it is extremely difficult for them to travel to the [] to receive periodic W/T refresher training. As a result, [] is forced to adopt abbreviated training procedures providing the agent with very limited training, resulting in poor contacts and excessive time on the air.

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4. The use of a PAMM Keyer with an RS-6 Xmtr would provide many advantages, a few of which are outlined as follows:

a. It would permit [] to limit initial W/T training to receiving slow speed cut number blind broadcast messages, reducing the overall W/T training time by 85 per cent.

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b. It would cut the agents on-the-air transmission time by 85 per cent, thereby increasing his physical and transmission security accordingly, since no hand sending would be involved.

c. It would minimize the need for an agent to travel to the West Zone for periodic W/T Refresher training.

d. It would eliminate the need for [] to infiltrate additional W/T accessory training gear, such as instructographs, audio oscillators with keys for sending practice, etc.

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DOC	20	REV DATE	19/3/80	BY	37/69
ORIG COMP	33	OPI	56	TYPE	2
ORIG CLASS	5	PAGES	2	REV CLASS	C
JUST	22	NEXT REV	20/0	AUTH:	HR 70-2

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e. Because of its small size, this unit can readily be infiltrated to emplaced agents with little difficulty.

5. In view of the many advantages offered by the PAMM, the O&T Division desires to place an immediate requirement for three of these keyers to be shipped to [] as soon as they can be made available for operational issue. Chief, [] will be advised of this action and requested to submit a tentative list of projects to be equipped with the PAMM, so that an overall figure can be determined for production purposes.

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6. O&T welcomes your comments and any additional information which may be available on this subject.

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